

**Date:** May 16, 2017

**To:** Thomas J. Bonfield, City Manager  
**Through:** W. Bowman Ferguson, Deputy City Manager  
**From:** Marvin G. Williams, Director of Public Works  
**Subject:** Contract SW-45D, Cornwallis Road Bike and Pedestrian Improvements (TIP# U-4724)

### **Executive Summary**

On October 7, 2016, the Department of Public Works issued a Request for Letters of Interest (RFLOI) for engineering firms to provide engineering design services for four sidewalk and bike lane projects. Letters of Interest (LOI) were received on November 7, 2016, from nine professional engineering firms. A selection committee reviewed all submittals, selected five firms for interviews, and distributed the four projects to four different firms. The selection committee recommended that the Cornwallis Road Bike and Pedestrian Improvements, SW-45D contract be awarded to Alta Planning + Design, Inc. for design (Exhibit A – Vicinity Map).

### **Recommendation**

The Administration recommends that the City Council authorize the City Manager to execute a Design Services contract with Alta Planning + Design Inc. of Durham, N.C. for SW-45D, Cornwallis Road Bike and Pedestrian Improvements (TIP# U-4724), in the amount not to exceed \$533,381.22.

### **Background**

Cornwallis Road Bike and Pedestrian Improvements (SW-45D) allows for the design of approximately 1.2 miles (6,300 LF) of new sidewalk and bicycle facilities along Cornwallis Road from S. Roxboro Road to Chapel Hill Road. The City entered into a Municipal Agreement with NCDOT for this project on August 17, 2015. The estimated total cost of the project is \$5.3M, with the cost for design being \$533,381.22.

The need for sidewalks and bicycle facilities on Cornwallis Road between Chapel Hill Road and South Roxboro Street was identified as a need in both the 2006 DurhamWalks! Pedestrian Plan and the 2006 Comprehensive Bicycle Transportation Plan. Multiple accidents involving pedestrians have occurred on this corridor in recent years. The project was not reprioritized in the Durham Bike+Walk Plan due to the existing agreement with NCDOT to fund most of this project. However, the project is part of the long-term bicycle network identified in the Bike+Walk Plan, and the sidewalks will improve non-motorized access to Rogers-Herr Middle School, connect to bike lanes on Chapel Hill Road, and provide connectivity to adjacent neighborhoods.

Since this is federally funded project, federal guidelines will be followed. The RFLOI

selection process is similar to the City's Request for Qualification (RFQ) process for professional services.

### Issues/Analysis

The Public Works Department recommends awarding Contract SW-45D, Cornwallis Road Bike and Pedestrian Improvements (TIP# U-4724) to Alta Planning + Design Inc. of Durham, N.C., in the amount of \$533,381.22.

### Alternatives

City Council can choose to not proceed with this project and redirect the funding to another project; however, the City would lose the federal funds for this project.

### Financial Impact

This project is funded from the Surface Transportation Program-Direct Attributable (STP-DA) funds. The federal STP-DA funds require a local match. For the engineering design portion of the project, there is a federal authorization in the amount of \$856,035 (\$684,828 federal and \$171,207 local).

The estimated total cost of this project is \$5.3M. The estimated cost to the City, including design and construction, is \$1,214,867.00; this includes construction administration, inspections, testing, and right-of-way acquisition expenses that exceed the amount for which NCDOT will reimburse. Funds are available in the Federal-State Match CIP fund for this design contract.

CIP Transportation Federal-State Match: 3612LG00-731002-LCC84 \$533,381.22

### UBE Summary

This is a federally funded project and was not reviewed for compliance with the Ordinance to Promote Equal Opportunities in City Contracting. Alta Planning + Design will utilize the following DBE firms:

Firm	ID	City/State	Amount	% of Contract
Accelerate Engineering, PLLC	DBE MBE	Cary, NC	\$75,121.58	14.08%
Three Oaks Engineering	DBE WBE	Durham, NC	\$12,481.28	2.34%

### Workforce Statistics

#### Total Workforce:

Employment Category	Total Employees	Total Males	Total Females
Project Manager	6	4	2
Professional	7	3	4
Technical	0	0	0
Clerical	4	0	4
Labor	0	0	0
Total	17	7	10

**Male:**

<b>Employment Category</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Asian or Pacific Islander</b>	<b>Indian or Alaskan Native</b>
Project Manager	4	0	0	0	0
Professional	3	0	0	0	0
Technical	0	0	0	0	0
Clerical	0	0	0	0	0
Labor	0	0	0	0	0
Total	7	0	0	0	0

**Female:**

<b>Employment Category</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Asian or Pacific Islander</b>	<b>Indian or Alaskan Native</b>
Project Manager	2	0	0	0	0
Professional	3	0	0	1	0
Technical	0	0	0	0	0
Clerical	4	0	0	0	0
Labor	0	0	0	0	0
Total	9	0	0	1	0